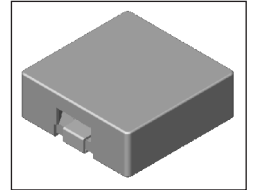


# SMT Power Inductor

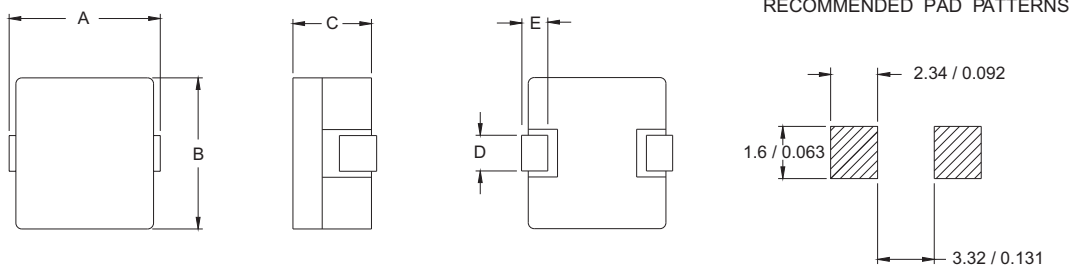
## HAH65 Type

### Features

- RoHS compliant.
- Low profile, SMD type.
- High current.
- Magnetic shielded.
- High energy storage and low DCR.
- Provided with embossed carrier tape packing.
- Ideal for power source circuits, DC-DC converter, DC-AC inverters inductor applications.
- In addition to the standard versions shown here, customized inductors are available to meet your exact requirements.



### Mechanical Dimension :



UNIT : mm/inch  
 A = 7.90 / 0.311 Max.  
 B = 7.00 / 0.276 Max.  
 C = 5.00 / 0.196 Max.  
 D = 1.40 / 0.055  
 E = 1.90 / 0.075

### Electrical Characteristics : At 25°C , 100KHz, 1V

PART NO.	Lo <sup>1</sup> (uH)	Li (uH)	DCR (mΩ) MAX	Isat <sup>2</sup> (A dc)	Irms <sup>3</sup> (A dc)
HAH65-R68	0.68	0.60	3.2	22.0	17.0
HAH65-1R0	1.00	0.80	4.7	15.0	16.0
HAH65-1R5	1.50	1.20	5.5	16.0	15.0
HAH65-6R0	6.00	6.00	18.0	3.0	5.5

1. Lo is the initial inductance and the tolerance of inductance is ± 20%.
2. Isat is the DC current which cause the inductance drop to Li.
3. I rms is the DC current which cause the surface temperature of the part increase less than 45°C.
4. Operating temperature : -40°C to 125°C ( including self-temperature rise ).



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